

## ATHE Level 4 and Level 5 Extended Diploma in Computing & Artificial Intelligence

### About the programme

The ATHE Level 4 and Level 5 Extended Diplomas in Computing & Artificial Intelligence are UK-regulated qualifications equivalent to the first two years of a university degree. These programmes offer a comprehensive understanding of core computing principles while introducing advanced concepts in artificial intelligence. Students gain practical and theoretical knowledge in areas such as machine learning, data analysis, programming, intelligent systems, and AI-driven problem solving. Designed for learners aiming to pursue higher education or begin a career in emerging technology fields, these diplomas equip students with the essential skills needed to thrive in the rapidly evolving world of AI and digital innovation.

### Modules - Level 4 Extended Diploma in Computing & Artificial Intelligence (Year 1)

Units	Details	Credits
1	IT Systems Development Preparation, Analysis, Design, and Problem-solving	15
2	Programming and Scripting	10
3	Data and Database Systems	15
4	Practical Probability Theory for Data Science	10
5	Legislation, Regulation, Ethics and Codes of Practice	10
6	Methods and Tools for Analysis	10
7	Data Preparation and Quality Risks	10
8	Statistics for Analyzing Datasets	10
9	Analytical Impact through Data Visualizations	10
10	Introduction to Artificial Intelligence	10
11	Synoptic Computing Project	10
	<b>TOTAL CREDITS</b>	<b>120</b>

## **Modules - Level 5 Extended Diploma in Computing & Artificial Intelligence (Year 2)**

<b>Units</b>	<b>Details</b>	<b>Credits</b>
1	Computing Projects for Digital Transformation	15
2	Professional Development and Business Communication	15
3	Advanced Statistics for Data Science	15
4	Information Systems	15
5	Advanced Project	15
6	Advanced Database Practice	15
7	Programming for Data Engineering	15
8	Foundations of Artificial Intelligence for Data and Language	15
	<b>TOTAL CREDITS</b>	<b>120</b>

### **Eligibility Criteria**

- 1) Highschool Diploma or
- 2) Level 3 foundation from UK Qualifying body or
- 3) 18 Years or above

### **Admissions Process**

Applicants must submit the following documents together with the enrollment fee.

- Duly completed application form.
- Copies of educational and professional certificates (If applicable)
- Copy of Passport.
- Two passport size photographs (with white background).